

FINAL CASE STUDY



This case study has been based on final results as part of the Tailored Developmental Therapies Intervention Program. Client MG10 has concluded Therapy.

MG10 – Successful outcomes for a 10-year-old female, with delayed receptive and expressive speech and language.

Age at the commencement of Therapy: 10 years old.

Gender: Female.

Duration of Program: 2 years.

Success Outcome(s): MG10 experienced increased improvements in verbally expressing her thoughts, behaviour regulation and reading.

Background:

Client Profile:

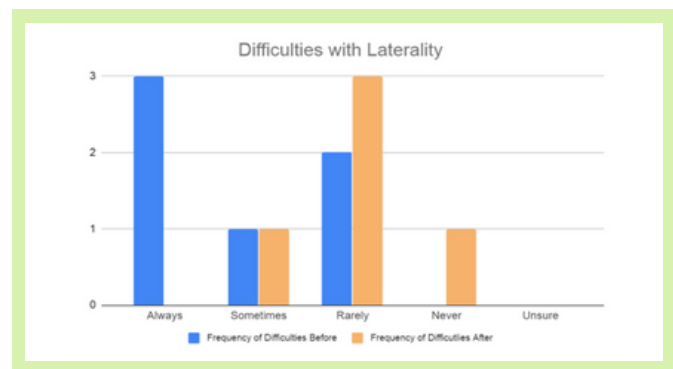
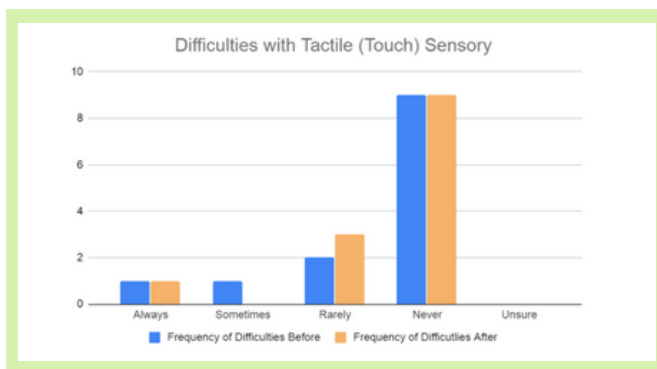
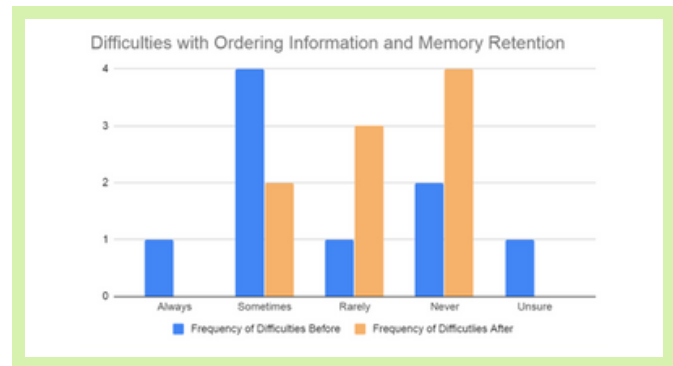
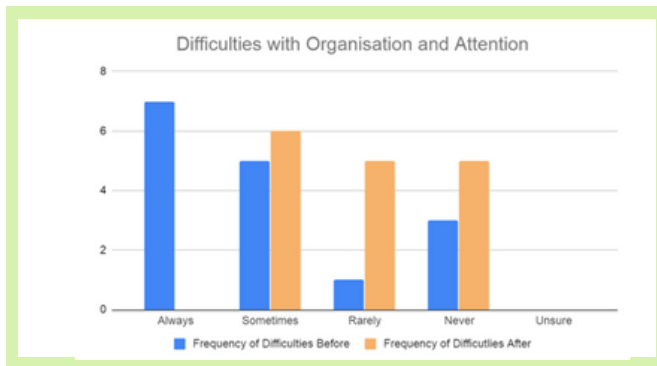
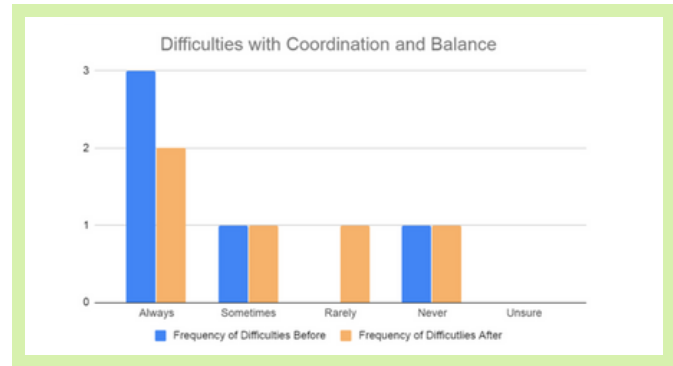
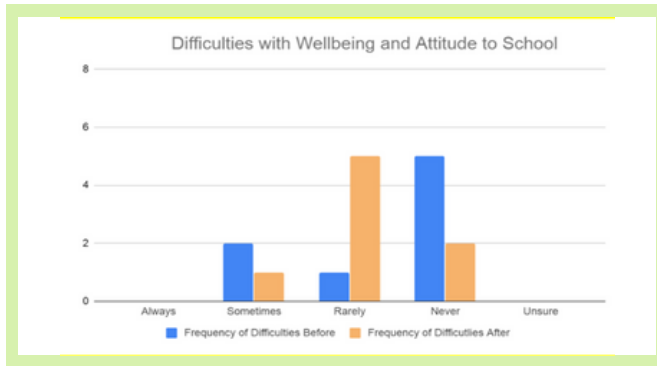
MG10 is a 10 year-old-girl who started the Tailored Developmental Therapies program in December 2017 and finished in November 2018. During birth, there was some trauma. At 9 months, she commando crawled then progressed to homolateral before walking at 18 months. MG10 had normal speech development and had her hearing tested at 3 years of age, which found a build-up of wax in her ears; however, hearing was within normal limits.

Additionally, an MRI of the ears was completed in 2015 and showed mild to moderate hearing loss in the right ear. In 2016, a vision assessment was completed, and the results showed MG10 needed glasses. MG10 has a formal diagnosis of Dyslexia, Speech Impairment (moderate articulation delay), and Language Impairment (deficits in expressive language and phonological awareness). From 2015-2017, she received academic support three times a week (MultiLit, Soundwave, and Rainbow Reading). Additionally, MG10 received private tutoring. MG10 had significant emotional regulation problems at home.

Program: The holistic therapy programs used by Tailored Developmental Therapies integrate Retained Primitive Reflexes through movement working from the brain stem up to the frontal lobe and auditory stimulation through an individualized music listening program.

This case study shows evidence of improved visual and auditory processes, executive functions and whole-body integration. Resulting in positive changes in behaviour, learning abilities, sensory processing and general wellbeing.

Results:



Total score at the initial assessment:

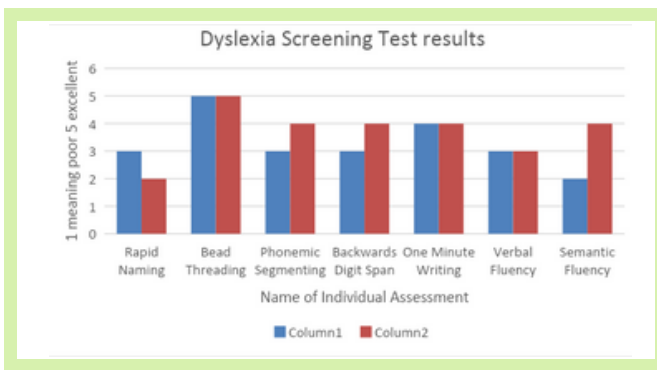
15 correct in the left ear and 11 correct in the right ear out of 60 words.

Total score at her final assessment:

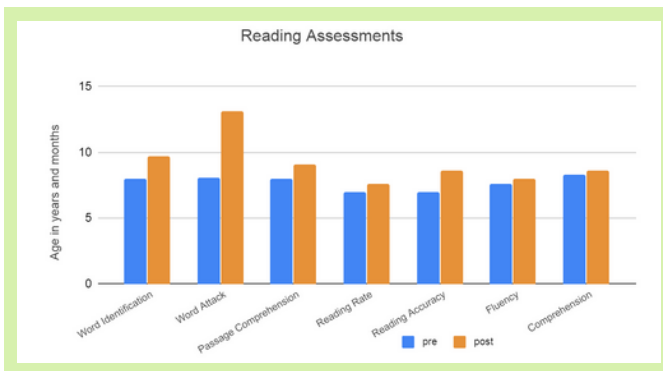
37 correct in the left ear and 34 correct in the right ear out of 60 words.



Initial average visual scores: 9 yrs
 Final average visual scores: 15 yrs



Dyslexia at Risk initial was 0.9 and is now 0.4-
 evidence of being at-risk



Oral reading index initial 7.7 years and oral
 reading index final 9.2 years

Discussion:

Before completing the interventions, MG10 demonstrated difficulties in visual processing, expressing thoughts verbally and in writing, understanding directions, phonemic awareness, and social/emotional skills. After undertaking Tailored Developmental Therapies program, MG10 experienced increased improvements in verbally expressing her thoughts, processing spoken words, improved behaviour regulation and reading. The data above also shows that MG10 showed significant improvements in visual processing (all areas) and reading (word attack).

- End of Case Study -